Case Study

Integrated energy efficiency improvements and utility supply for a major brewery

The Diageo Group is one of the most successful beverage producers in the world, with a collection of more than 200 brands that are enjoyed in over 180 countries.

The world-famous Guinness stout ranks among the best-known Diageo products and St James's Gate Brewery in Dublin is the home of Guinness. As well as producing over 6 million hectolitres (hl) of beer a year, the site houses extensive offices and the Guinness Storehouse, Ireland's most popular visitor attraction.

A strong partner to guarantee success

npower Business Solutions (nBS) owns and operates the utilities infrastructure at Diageo's large scale brewery at St James's Gate. nBS supplies Diageo with energy efficient cooling, steam, compressed air, industrial gases, water, wastewater and electricity. Major investments have also been made in extending and optimising the utilities systems profiting Diageo with long term guaranteed energy

St James's Gate Brewery, Dublin

Operation of all utility systems, provision of all utilities and investment in new plant.

- · Cooling 22,000 MWh/a
- Steam 220,000 t/a
- CO2 6,700 t/a
- N2 5000 t/a
- Water 2,200,000 m3/a

• Wastewater 1,600,000 m3/a · Compressed air 40,000 m3/a



Contact us





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Phone calls: We may monitor and/or record calls for security, quality or training purposes. Call charges to numbers beginning with 0800 should be free if you are calling from a business mobile or landline but this will depend on your contract. Please check with your operator for exact charges.

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